

HONOURS SPECIALIZATION IN BIOCHEMISTRY AND CANCER BIOLOGY

Note: For those students who have already taken Microbiology and Immunology 3620G, this course can still be used to satisfy the lab requirement, i.e., 3620G can be used in place of Biochemistry 3380G or Phys Pharm 3000E.

Module

10.5 courses:

0.5 course: Biochemistry 2280A with a mark of at least 65%.

1.0 course: Biology 2382A/B, Biology 2581A/B.

0.5 course from: Biology 2244A/B, Statistical Sciences 2244A/B.

0.5 course from: Chemistry 2213A/B, Chemistry 2273A.

0.5 course from: Chemistry 2223B, Chemistry 2283G.

0.5 course: Microbiology and Immunology 2500A/B.

0.5 course: Medical Biophysics 3518B or the former Medical Biophysics 2582B.

1.0 course: Biochemistry 3381A, Biochemistry 4450A.

1.0 course: Pharmacology 3620.

0.5 course from: Biochemistry 3382A, Chemistry 3393A/B, Microbiology and Immunology 3300B (see notes below).

1.0 course from: Anatomy and Cell Biology 3309, Pathology 3500

0.5 course from: Biochemistry 3380G, ~~Microbiology and Immunology 3620G~~, Physiology and Pharmacology 3000E (see notes below). A mark of at least 70% is required in the course taken.

1.5 courses from: Anatomy and Cell Biology 4461B, Medical Biophysics 4720B, Microbiology and Immunology 4300A, Pharmacology 4360A/B, the former Biochemistry 4455G. See notes below.

1.0 course (~~or 1.5 courses~~) from: Biochemistry 4955E ~~or Biochemistry 4486E (Research Project = 1.5 courses)~~. See notes below.

Notes:

1. **Students may substitute the former** Biochemistry 4486E **for Biochemistry 4955E**. The inclusion of **the former** Biochemistry 4486E will increase the module by 0.5 course.

2. Biochemistry 3380G requires both Biochemistry 3381A and Biochemistry 3382A as prerequisite courses; the prerequisite for Physiology and Pharmacology 3000E includes a minimum average of 75% in the previous year. The inclusion of Physiology and Pharmacology 3000E will increase the module by 0.5 course.

3. For the specific courses that must be completed before Year 4, see the Weighted Average Chart (MODULES OFFERED IN THE BMSc PROGRAM).

4. Microbiology and Immunology 4300A requires a minimum mark of 70% in Microbiology and Immunology 3300B as a prerequisite.

3. Anatomy and Cell Biology 4461B requires a minimum mark of 70% in either Anatomy and Cell Biology 3309 or Pathology 3500 as a prerequisite.